

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/k7ear](https://facebook.com/k7ear)

**Club Address: EAARS, PO Box 398, Soloman. AZ 85551**



**August 2016**

**We should all consider each other as human beings, and we should respect each other.**

**~Malala Yousafzai**

## Welcome New EAARS Members!

Malcolm - KI7FAM Grant - KG5TC  
John - KF7ECO Steve - KG7SDY  
Steve - KI7EJP Chuck - KG7ZWY  
Mark - KI7FDD Shawna - KG7ZWZ

### WEEKLY EAARS' NETS

#### Everyday:

Down under Net – 4:15am

Weather Net – 5:30am

NTS Traffic Net – 6:30pm

#### Sunday:

EAARS Net – 7:00pm

#### Monday:

Gal's Night Net – 7:30pm

#### Wednesday:

Skywarn Net – During Monsoon,  
Every Wednesday at 7:30.

Off Season, every second  
Wednesday of month at 7:30pm

**Respect for ourselves guides our morals,  
respect for others guides our manners.**

**~Laurence Sterne**

### EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

#### **Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked  
146.900

#### **Jacks Peak at Silver City, NM:**

145.210 Linked

#### **West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

#### **Pinal Peak at Globe, AZ:**

145.410 Linked

#### **South Mt at Alpine, AZ:**

145.270 Linked

#### **Caballo Mt at TorC, NM:**

145.470 Linked

#### **Greens Peak at Show Low, AZ:**

146.700 Linked

#### **Little Florida at Deming, NM:**

147.060 Linked

#### **Mule Mt at Bisbee, AZ:**

147.080 Linked

#### **Mt. Lemmon at Tucson, AZ:**

147.160 Linked

#### **Guthrie Peak, at Clifton, AZ:**

147.280 Linked



# Make Room for Those Young'uns!

Let's showcase a young ham every month. Share your story! Email me!  
THIS MONTH IS . . . . .

## Ms Sitka KG7ZXB



Hi, my name is Sitka. I am 11 years old, and live on the east side of Tucson. My call sign is KG7ZXB. I have been a ham since December 2015. I was introduced to ham radio through the Vail Vaqueros 4-H club. I thought that it sounded interesting so I signed up for the ham radio project after the leader, Miss Lani, had spoken about what ham radio was all about. I have been participating in 4-H for 2 years now and my 3rd year is starting soon. This year, I plan on being involved in archery, cake decorating and ham radio.

The ham radio project had a chance to contact the International Space Station and talk to American astronaut, Kjell Lindgren in August of 2015. It was a once in a lifetime experience and got me motivated to study for my ham radio license. Last year the main focus of the ham radio project was on learning Morse code and we will continue to work on that this coming year.

I have entered a ham radio project each year at the Pima County Fair. In 2015, I built a transceiver with Jerico and in 2016. I built a Morse code straight key. Ham radio has been my best scoring event in the fair. Jerico and I earned a blue ribbon for the transceiver we built and I earned a purple ribbon for my presentation on the Morse code keyer.

I have started my own ham shack in a corner of our garage. I have a J-pole antenna, which Mr. Joe helped me build, up at the side of the house. It can be connected to my handheld, the AM/SSB receiver or the dual band FM transceiver I have. Thankfully, I haven't had to pay for any of this equipment, as I have either earned it or it has been given to me as a gift.

Other than ham radio, I enjoy reading, drawing, sewing, knitting, swimming and studying history and nature. This summer my family has been visiting a lot of the national parks and monuments in Arizona. We have now visited at least half of the parks in Arizona. My favorite was Hubbell Trading Post because it is still a traditional trading post and has not been turned into a convenience store. Also, I found out that Lorenzo Hubbell, the founder of Hubbell Trading Post, is a cousin of Edwin Hubble, even though their last names are spelled differently.

I enjoy being a part of the ham radio community in Arizona and I hope that other young kids earn their license too.

Thank You Ms Sitka! I am very proud



of your success! Keep doing great things!



# Boy Scout Adventures!

by Joe Statkevicius K3TYE, Asst Scout Master

WN7BSA was again active for one full week from July 18th through July 22nd from Camp Lawton in the Catalina Mountains. During this time the Catalina Council of the Boy Scouts of America played host to about 100 scouts from both the US and Mexico for a week long summer camp.

WN7BSA volunteers set up several electronic and radio related demonstrations, including activities such as an APRS/GPS transmitter hunt; annoy your friends with a high-frequency tweeter and an audio frequency generator; learn about square waves, sine waves, and pulses with an oscilloscope; and of course talk over-the-air using amateur radio.

All of the scouts got to see and participate in the "hands-on" electronic demonstrations and most got to talk over-the-air. It was extremely gratifying to see the smiles on the kids' faces, especially the Mexican youth, when they were able to make contacts in their native language.

Just one human interest side story - on the last day, Friday, a very handsome Mexican lad of about 14 years-old, asked me if he could AGAIN talk on the radio. I of course said "sure, let me set this up." Well, the boy had dirty hands and was eating a candy bar and licking the chocolate off his fingers . . . ugh. He knew the routine, so I dialed up a repeater. But, before I could get a wet paper towel for hand-cleaning, he grabbed the microphone and without so much as wiping his hands, started reading our little script. Oh joy, ya gotta' love it. Needless to say, when I got home, I washed every microphone and every HT we used that week.

Many thanks to the following volunteers who generously donated their time and risked their equipment:

KG7EXA - Chris (Boy Scout)  
KG7WAL - Zane (4H Member)  
KG7WAM - Max (4H Member)  
KG7ZXB - Sitka (4H Member)  
KG7UPI - Armando (Boy Scout)  
KG7IPA - Ray (Boy Scout)  
KG7IPI - Peter (Boy Scout)  
KoWBG - Mathias (Grad Student UoA)  
N3IDN - Lani (4H Club Leader)  
KG7DNN - Armando (Scoutmaster)  
AE7YQ - Bill (Grand Old Man About Radio (GOMAR))  
KD7UIZ - Don (Another GOMAR)  
K3TYE - Joe (Assistant Scout Master)  
Cody - Boy Scout (Soon to get his license)  
Beau - Boy Scout (Soon to get his license)  
Chrissa - Daughter of AE7YQ (Soon to get her license)  
plus a bunch of supportive parents.



Also many thanks to the following repeater systems:

Green Valley - WE7GV  
EAARS - K7EAR  
BART - WD7F and K7UAZ  
OVARC - W0HF

and simplex operators on 145.630 and 146.520.



Listen for us again on October 15th during the annual Jamboree On The Air from the Double V Scout Ranch.



# Gals on the Air!

Calling all Gals of any class . . . Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

## Upcoming Events

Would you like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).

**September 17, 2016 - EAARS Picnic in Safford**

**October 16, 2016 - Making Strides Against Breast Cancer in Tucson**



**I firmly believe that respect is a  
lot more important, and a lot  
greater, than popularity.**

**~Julius Erving**

## 2016 Officers and Staff

### Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Giggs	N5BG

### Staff

Site Trustee	Joe Montierth	K7JEM
Newsletter Editor	Angie Buchanan	N7EMB
Net Manager	Chris Buchanan	N7JND
ARCA Rep	Byron McCabe	AA7BM

### Net Control Operators

Rick	KE7EDP	1st Sunday
Angie	N7EMB	2nd Sunday
Bob	KD7LMV	3rd Sunday
Chris	N7JND	4th Sunday
Karl	N7DMA	5th Sunday and fill in



# about the editor . . .

My name is Angie Buchanan, N7EMB. You may know me as Net Control for the Gals Night Net every Monday nights at 7:30 pm on the EAARS system. I started this net because I was hearing of many women earning their ham tickets but didn't hear them on the air. I may not get them to talk as much as I do, but I am getting them on the air! Patience gentlemen, you will soon have company!



You may also know me as the other half of N7JND, Chris Buchanan. We celebrated our 19th anniversary July 11th. He is the reason I am on the radio! He never pushed me, I am just a curious soul. I could never understand the late hours of turning that HF dial until I earned my general ticket. Wow! I did the asking...Why? How? I want to try! I am so grateful for his patience. Thanks, babe! I love this guy so much!

I am a mother of 2 grown and very successful men. I have four grandsons. I have a great niece and twin great nephews who love to spend time with me, probably because of my energy. I work part-time for an elementary school as a playground monitor. I teach 2nd grade religious ed at our church during the school year. I teach music at my church's Vacation Bible School. I am around kids pretty much all year around.

I earned my Technician license November 2006. I upgraded to General August 2014 and earned my Extra in August of 2015. I can tell you that earning my tickets were probably the hardest feats I have accomplished and pretty proud of them! I love to use my radio knowledge to help our community. I have a team of operators who always support my passion! I do appreciate all those who volunteer to help out in our community. Thank you for all you do! The Lord has a place saved for those who help others!

I have been involved with many organizations since I was a kid. I do have to say that ham radio is one of my favorites. I also enjoy meeting all the hams involved in all we do! Thank you for being part of the ham radio family! You are truly appreciated for what you do! I also have the pleasure of calling many of you, my friends! Talk to you on the air!



**My 'lil ham shack.**

**My icom 706.**





## August 12-14, 2016 Albuquerque Marriott Pyramid North

### 2016 Prizes

*Icom 7300*  
*Yaesu FTM-400DR*  
*Elecraft KX2*  
*Kenwood TH-K20A*  
*2x Wouxun KG-UV8E*  
*Icom IC-T70A*  
*Heil Proset Elite 6*  
*and More Not Listed !!*

### Hamfest Fees

Pre-Registration	\$8.00
Includes 1 Free Prize Ticket	
Registration at Door	\$10.00
Accompanied Under 16	FREE
Prize Tickets (each)	\$2.00
Commercial Booth—First	\$70.00
Commercial Booth—Additional	\$65.00
Table with Electricity	\$25.00
Plain Table	\$15.00
Tailgate Space (1)	\$15.00
RV Space Per Night	\$15.00
Friday Night Mixer	FREE
Saturday DX Breakfast	\$20.00
Saturday Banquet	\$40.00
Sunday Breakfast	\$20.00

Marriott Pyramid Rate: \$95.00 + Tax  
Limited RV parking available on hotel grounds. No hook-ups available.



## Ham Radio Fun For Old-Timers and New Hams

### 2016 Features

Bigger & Better Than 2015  
More Convenient Floor Plan  
Larger Forum Rooms  
Upgraded Banquet Meals  
Large Indoor Sales Area  
Saturday Tailgate  
Free Friday Mixer

*Good Equipment Auction (TBD)*

*HF Academy !!*

*FCC & New Rules Forum*

*Special Event Station (N5M)*

### Themes

*SDR & Signal Processing*  
*Vintage Radio & Restoration*  
*HF / DX / Contesting*  
*Emergency Communications*  
*Getting New Hams Active*  
*STEM Education & Ham Radio*  
*Hands-On Projects*  
*How to Get and Stay Active*

### Talk In Repeaters

*Courtesy of Amateur Radio Caravan Club*  
*145.33 (-600 KHz, 100 Hz PL)*  
*444.0 (+5 MHz, 100 Hz PL)*

### Regional Hamfest Serving

New Mexico  
Colorado  
Utah  
Wyoming  
West Texas  
Oklahoma  
Arizona  
Nevada  
Mexico



### Special Guest Speakers

*Tom Gallagher NY2RF*  
*ARRL Chief Executive Officer*  
*Chip Margelli K7JA*  
*HRO & Ham Radio Ambassador*  
*Brian Mileskosky N5ZGT*  
*ARRL Second Vice President*

*& Other Well Known Featured Speakers*

*HF / DX / Contesting Community*  
*Vintage Radio Community*  
*STEM / New Ham Community*



# Albuquerque Duke City Hamfest

## Conference

The DCHF is a great source of information on all aspects of ham radio. Multiple simultaneous activity tracks with emphasis on current topics of interest to old hams and newcomers alike. Many popular forums will be repeated so as to minimize chances for conflicts.

**HF Academy**  
**HF, DX and Contesting**  
**EMCOMM & Public Service**  
**STEM, Education & New Hams**  
**High Altitude BalloonSAT**  
**AMSAT / ARISS Program**  
**ARRL, ARES & RACES Forum**  
**Builders & Makers Forums**  
**Teachers & Educators Forums**  
**SDR, D-STAR, FM, Repeaters**  
**Equipment Design & Fabrication**  
**Using Test Equipment, How to Solder**  
**Remote Operation, Building a Station**  
**MARS, CAP, SOTA**

## Hamfest

The DCHF provides the best opportunities to see, feel and touch the latest new equipment, antennas, publications, and accessories. Check out our expanded new equipment and flea market area for bargains on used gear, components, hidden treasures, and goodies you did not know you needed.

## 2016 Confirmed Exhibitors And Sponsors

*Grapevine Amateur Radio  
(Full Line Dealer)*

*BridgeComm Systems  
High Tech Liquidators  
Wired Communication  
SetComm Communications  
ICOM ARRL MFJ*

*And Others Are On The Way  
Check Back Frequently*

## Activities

The DCHF is 3 days of ham radio fun for the learned and learning alike. Chew the rag with old and new friends, and visit our many socials, demonstrations and banquets. Bring the family and enjoy local attractions, museums, shopping and famous New Mexico cuisine.

**Good Equipment Auction**  
**Friday Mixer with Vendors**  
**Saturday Contesting Breakfast**  
**Saturday Awards Banquet**  
**Sunday STEM/New Ham Breakfast**  
**Near Space Balloon Project**  
**Tech/General License Review**  
**VE License Testing**  
**Specialized Modes Demo**  
**Skywarn Class**  
**Hidden Transmitter Foxhunt**  
**Tours of Local Attractions**  
**Tour of Old Town Albuquerque**  
**Contests & Competitions**



**Duke City Hamfest**  
**Albuquerque, New Mexico**  
 ARRL New Mexico State Convention  
<http://www.DukeCityHamfest.org>

**For More Information**  
**Bill Ripley (KY5Q), Chairman**  
**KY5Q@arrl.net**  
**(505) 503-7491**